

Technical Data Sheet

Fibracon[®] PTFE FGB

PTFE

Typical characteristics

- Low coefficient of friction
- Non-stick

Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
General properties			
Specific Gravity	ASTM D4894	-	2.17
Mechanical properties			
Hardness	Needle	Shore D	57
Tensile Strength (Cross Direction)	ASTM D4894	MPa	32
Elongation (Cross Direction)	ASTM D4894	%	330
Thermal properties			
Service Temperature		°C	-200 +260
Compliance properties			
Compliant to food contact guidelines	FDA 21 cfr 177.1550		raw material only

This declaration refers to raw material and does not necessarily cover the finished product. The raw material used complies with the following regulations and standards: - FDA Directive 21 CFR 177.1550 (Fluoropolymers) PTFE may be safely used as additive in articles intended to come in contact with foodstuff. - FDA Directive 21 CFR 178.3297 (Colorants for Polymers). The product is manufactured exclusively from the raw material and no other substances have been intentionally added. It is the responsibility of the customer to determine whether the finished product and its intended use comply with the laws and regulations.

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